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IN THE U.S. PATENT AND TRADEMARK OFFICE

Re application of :

Francis J. Maguire, Jr. :

Serial No. 10/038,313 :

Filed: October 22, 2001 :

For: PASSIVE VIRTUAL REALITY

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
U.S. Patent and Trademark Office
Washington DC 20231

Sir:

Applicant submits herewith references of which he is aware, which he believes may be material to the examination of this application and which he may have a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as U.S. mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington D.C. 20231.

Margery B. Hood

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Dated: Feb. 11, 2003

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In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement should not be construed to mean that a search has been made or that no other material information as defined under 37 CFR 1.56(a) exists.

The enclosed references are of record in the parent applications 08/001,736, now US Pat. No. 5,422,653; 08/462,503, now US Pat. No. 5,748,382; and 09/072,202, now US Pat. No. 6,307,589. Also enclosed is a PTO-1449 listing the references.

The US patent references will follow shortly by the new email procedure to avoid the need for sending paper copies thereof.

Respectfully submitted,

Francis J. Maguire
Attorney for the Applicant
Registration No. 31,391

mbh
February 11, 2003
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FORM PTO-1449 (REV. 7-80) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.	SERIAL NO.
313-002-3	10/038,313
APPLICANT F.J. Maguire Jr	
FILING DATE 10/22/01	GROUP

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL	3-292093	12/1991	JP				
	AM	5-21625	8/1993	JP				
	AN	5-56924	3/1993	JP				
	AO	4215532	1/1993	DE				
	AP	0655640	05/1995	EP				

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR		"A Three-Dimensional Electronic Retina Architecture", G. Salada, B.S., Dec. 1987, Defense Technical Information Center Technical Report.
	AS		"Stereo and Eye Movement", D. Geiger et al, Massachusetts Institute of Technology, Artificial Intelligence Laboratory, A.I. Memo 927, January 1988.
	AT		"Image Focusing in Space and Time", M. Siegel, Carnegie Mellon Univ. , the Robotics Institute, Technical Report CMU-RI-TR-88-2, Feb. 1988.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AL	2272124	5/1994	GB				
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR	"A Review and Investigation of Aiming and Tracking Performance with Head-Mounted Sights", M. Wells et al, IEEE Transactions on Systems, Man and Cybernetics, Vol. SMC 17, No. 2, Mar/Apr 1987, pp. 210-221.
	AS	"Effortless Computing: The Eyes Have It", Science 86, April, p. 12
	AT	"Argos: A Display System for Augmenting Reality", D. Drascic et al, Formal Video Program and Proc. Conf. Human Factors in Computing Systems (Interchi '93), April 24-29, 1993, Amsterdam p. 521.

EXAMINER	DATE CONSIDERED

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	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR		"Autocalibration for Virtual Environments Tracking Hardware", S. Gottschalk et al, Computer Graphics Proceedings, Annual Conference Series 1993, pp. 65-72.
	AS		"Augmented Reality: An Application of Heads-up Display Technology to Manual Manufacturing Processes", Proc. Hawaii Int'l Conf. System Sciences, Jan. 1992, pp. 659-669. (T. Caudell et al)
	AT		"High Resolution Virtual Reality", M. Deering, Computer Graphics, Proc. SIGGRAPH Conf, Vol. 26, No. 2, July 1992, pp. 195-202.

EXAMINER	DATE CONSIDERED

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	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR		"Through the Lens Camera Control", M. Gleicher et al, Computer Graphics (Proc. SIGGRAPH Conf) Chicago IL July 1992, Vol. 26, No. 2, pp. 331-340.
	AS		"Interacting with Paper on the Digital Desk", P. Wellner, Comm ACM, Vol. 36, No. 7, July 1993, pp. 87-96.
	AT		"Calibration of Head-Mounted Displays for Augmented Reality Applications", A. Janin et al, Proc. Virtual Reality Ann. Int'l Symp. (VRAIS '93) Sept. 1993, pp. 246-255.

EXAMINER	DATE CONSIDERED

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OIPE JC68
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	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR		"Knowledge-Based Augmented Reality", S. Feiner et al, Comm ACM, July 1993, Vol. 36, No. 7, pp. 53-62.
	AS		"Applications of Augmented Reality for Human-Robot Communications", P. Milgram et al, Proc IROS '93: Int'l Conf. Intelligent Robots and Systems, July 1993, Yokohama, pp. 1.467 - 1.472.
	AT		"Video See-?hrough Design for Merging of Real and Virtual Environments", E. Edwards et al, IEEE Virtual Reality Ann. Int'l Symp., Sept. 18-22, 1993, Seattle WA, pp. 223-233.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not

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	AL							
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	AR		"Merging Virtual Objects with the Real World: Seeing Ultrasound Imagery within the Patient", M. Bajura et al, Computer Graphics Proceedings, July 1992, Vol. 26, No. 2, pp. 203-210.
	AS		"High-Resolution Inserts in Wide-Angle Head-Mounted Stereoscopic Displays", E. Howlett et al, SPIE Vol. 1669, Stereoscopic Displays and Applications III (1992), pp. 193-203.
	AT		"Proposal for a Large Visual Field Display Employing Eye Tracking", H. Yamaguchi et al, SPIE Vol. 1194, Optics, Illumination and Image Sensing for Machine Vision IV (1989) pp. 13-20.

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